PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

 For receiving Office use only 200 4 - 0 1 2 0 9 0 s

International Filing Date 2 1 OCT 2004

EUROPEAN PATENT OFFICE

Applicant's or agent's file reference

	(if desired) (12 characte	ers maximum) BCS 03-5007 PCT
Box No. I TITLE OF INVENTION Use of linear poly-alpha-1,4-glucans as resistant	starch	
Box No. II APPLICANT This person	is also inventor	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)		Telephone No. +49-69-305 16 093
Bayer CropScience GmbH		Facsimile No.
Brüningstraße 50 65929 Frankfurt		+49-69-305 22 00
		Teleprinter No.
Germany		Applicant's registration No. with the Office
State (that is, country) of nationality: DE	State (that is, country) DE	of residence:
This person is applicant for the purposes of: all designated States all designated the United States		the United States the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURTH	ER) INVENTOR(S)	
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence FROHBERG, Claus Pilzwald 17 14532 Kleinmachnow Germany	e address indicated in this e is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: DE	State (that is, country) DE	of residence:
This person is applicant for the purposes of: all designated the United States all designated the United States	States except ates of America	the United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated or	a continuation sheet.	
Box No. IV AGENT OR COMMON REPRESENTATIVE;	OR ADDRESS FOR	CORRESPONDENCE
The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities a	ıs: L	agent common representative
Name and address: (Family name followed by given name; for a legal entity, full official designation. Bayer Cropscience SmbH Hermannswerder 20 a 14473 Potsdam Germany		Telephone No. +49-331-2000-152
		Facsimile No.
		+49-331-2000-166
		Teleprinter No.
		Agent's registration No. with the Office
Address for correspondence: Mark this check-box where n space above is used instead to indicate a special address to w	o agent or common reprinct to a correspondence sh	resentative is/has been appointed and the lould be sent.

Sheet No. ...2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-b	ooxes is used, this s	heet should not	be included in the re	quest.
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) QUANZ, Martin Oppelner Straße 34 10997 Berlin		This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office		
State (that is, country) of nation	alita			
DE DE			State (that is, country DE	of residence:
This person is applicant for the purposes of:	all designated States	all designated the United Sta	States except ates of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name The address must include postal cod Box is the applicant's State (that is, c	e and name of country.	The country of the	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: State (that is, country)		of residence:		
This person is applicant for the purposes of:	all designated States	all designated the United Sta	States except tes of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name The address must include postal cod Box is the applicant's State (that is, c	e and name of country	The country of the	addrace indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nations	ality:		State (that is, country) of residence:
This person is applicant for the purposes of:	all designated States	all designated the United Sta	States except tes of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family name The address must include postal cod Box is the applicant's State (that is, c	e and name of country.	The country of the	address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of national	ality:		State (that is, country)	of residence:
This person is applicant for the purposes of:	all designated States	all designated the United State	States except es of America	the United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on another continuation sheet.				

Sheet No. ...3....

Box No. V DESIGNAT	Box No. V DESIGNATIONS			
The filing of this request cor filing date, for the grant of e	nstitutes under Rule 4.9(a), the every kind of protection availa	ne designation of all Contr ble and, where applicable,	acting States bound by the for the grant of both reg	ne PCT on the international ional and national patents.
However,				
DE Germany is not d	esignated for any kind of nati	onal protection		
l —	a is not designated for any ki	•		
	on is not designated for any k	_		
the national law, of an earlie	obe used to exclude (irrevocab er national application from w s in these and certain other St	phich priority is claimed. S	ned in order to avoid the lee the Notes to Box No. V	ceasing of the effect, under as to the consequences of
Box No. VI PRIORITY	CLAIM			\; ·
The priority of the following	g earlier application(s) is hereb	oy claimed:		,
Filing date	Number	v	Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1)	03090366.0		EP .	
(24/10/2003) 24 October 2003	03090300.0		L.,	
item (2)				
	•			
item (3)	# 1			
Further priority claims	are indicated in the Suppleme	ental Box.		
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:				
all items it	em (1) item (2	item (3)	other, se	ee Supplemental Box
* Where the earlier applicate	ion is an ARIPO application, in Iember of the World Trade Or	ndicate at least one country	party to the Paris Conve	ention for the Protection of
·····	······		application was ju	
Box No. VII INTERNATIONAL SEARCHING AUTHORITY				
Choice of International Se international search, indicate	arching Authority (ISA) (if te the Authority chosen; the two	wo or more International S -letter code may be used):	Searching Authorities are	competent to carry out the
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):				
Date (day/month/year)	Numb	per Coun	try (or regional Office)	·
Box No. VIII DECLARATIONS				
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of declarations declarations				
Box No. VIII (i) Declaration as to the identity of the inventor :				
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:				
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :				
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) 1				
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :				

Sheet No. . 4 . . .

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51 his 1(a)(iv))

for the purposes of the designation of	of the United States of America:
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and f	one inventor is listed below) or joint (if more than one inventor for which a patent is sought.
This declaration is directed to the international application of which	
This declaration is directed to international application No. PCT/ to Rule 26ter).	
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pater States of America, including any PCT international application designs having a filing date before that of the application on which foreign processes as the same of the same	in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade nt or inventor's certificate filed in a country other than the United lating at least one country other than the United States of America, priority is claimed.
Prior Applications: EP 03090366.0	
•	••••••
I hereby acknowledge the duty to disclose information that is k 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the c	erial information which became available between the filing date
I hereby declare that all statements made herein of my own knowledge are believed to be true; and further that these statements were made a made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any	with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful
Name: FROHBERG, Claus	
Residence: 14532 Kleinmachnow, Germany (city and either US state, if applicable, or country)	······································
Mailing Address: . Pilzwald 1.7	
Citizenship: German	
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: 20-10-2004. (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
Name: QUANZ, Martin	•••••
10007 Berlin, Gormany	
Mailing Address: .Oppelner Straße 34	
Citizenship: German	
Inventor's Signature:	Date:
	•
	·
This declaration is continued on the following sheet, "Continuation	on of Box No. VIII (iv)".

Sheet No. ...5.

Box No. IX CHECK LIST; LANGUAGE OF FILING				
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item): Number of items			
request (including	1. To fee calculation sheet : 1			
declaration sheets) : 5	2. original separate power of attorney	:		
description (excluding sequence listing and/or	3. original general power of attorney	:		
tables related thereto) : 26	4. 🔀 copy of general power of attorney; reference number, if any: .36963	: 1		
claims : 2 abstract : 1	5. statement explaining lack of signature	:		
drawings :	6. priority document(s) identified in Box No. VI as item(s):			
Sub-total number of sheets : 34 sequence listing :	7. translation of international application into (language):			
tables related thereto : (for both, actual number of	8. separate indications concerning deposited microorganism or other biological material			
sheets if filed in paper form, whether or not also filed in	9. sequence listing in computer readable form (indicate type and number of carriers)	•		
computer readable form; see (c) below)	(i) copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)) .		
Total number of sheets : 34	(ii) ☐ (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the			
(b) only in computer readable form (Section 801(a)(i))	purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity of the copy or	:		
(i) sequence listing (ii) tables related thereto	copies with the sequence listing mentioned in left column 10. tables in computer readable form related to sequence listing	:		
(c) also in computer readable form (Section 801(a)(ii))	(indicate type and number of carriers)			
(i) ☐ sequence listing (ii) ☐ tables related thereto	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)	:		
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	:		
sequence listing:	sequence listing: (iii) together with relevant statement as to the identity of the copy or			
Lables related thereto:	copies with the tables mentioned in left column 11. other (specify):	:		
items 9(ii) and/or 10(ii), in right column)	The Guille (spectyy).	•		
Figure of the drawings which should accompany the abstract: Language of filing of the international application: English				
Box No. X SIGNATURE OF APPLICANT Next to each signature, indicate the name of the person sign	Γ, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not-obvious from reading the	ne request).		
Which the leaving the person signing which the person signing which the person signis (y such capacity is hyproducing the request).				
Dr. Weißert FROHBERG, Claus QUANZ, Martin				
(Employee's Authorisation No. 36963) (Signatures of Applicants for the United States of America only)				
For receiving Office use only				
Date of actual receipt of the purported international application:	2 1 OCT 2004 (2 1 10 2004)	·		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
Date of timely receipt of the required corrections under PCT Article 11(2):	not re	ceived:		
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid	j		
For International Bureau use only				
Date of receipt of the record copy by the International Bureau:				

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220	
BCS 03-5007 PCT	ACTION	as well	as, where applicable, item 5 below.	
International application No.	International filing date (day/mont	h/year)	(Earliest) Priority Date (day/month/year)	
PCT/EP2004/012090	21/10/2004		24/10/2003	
Applicant				
Арричин				
BAYER CROPSCIENCE GMBH				
BATHK CKCTDCIII.CD CICI				
This International Search Report has bee according to Article 18. A copy is being to	n prepared by this International Sea ansmitted to the International Burea	rching Aut	hority and is transmitted to the applicant	
This International Search Report consists	s of a total ofsh	eets.		
X It is also accompanied by	a copy of each prior art document	cited in this	s report.	
Basis of the report				
a With regard to the language, the	international search was carried ou nless otherwise indicated under this	t on the ba item.	sis of the international application in the	
	The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).			
b. With regard to any nucle	The state of the s			
2. Certain claims were found unsearchable (See Box II).				
3. Unity of invention is la	cking (see Box III).			
4 MEN or soul to the Mile				
4. With regard to the title , X the text is approved as s	submitted by the applicant.			
	ished by this Authority to read as fol	lows:		
	•			
·				
İ			•	
5. With regard to the abstract,				
1 ·*	submitted by the applicant.			
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.				
may, within one month t	from the date of mailing of this interr	ational sea	arch report, submit comments to this Additionty.	
6. With record to the drowings				
6. With regard to the drawings , a. the figure of the drawings to be	e published with the abstract is Figure	e No.		
as suggested b				
	this Authority, because the applican	failed to s	uggest a figure.	
	this Authority, because this figure be			
b. none of the figures is to	be published with the abstract.			